

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027972.D
 Acq On : 29 Sep 2023 22:25
 Operator : MA/JU
 Sample : 04497-14
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBJ73

Quant Time: Sep 30 01:06:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

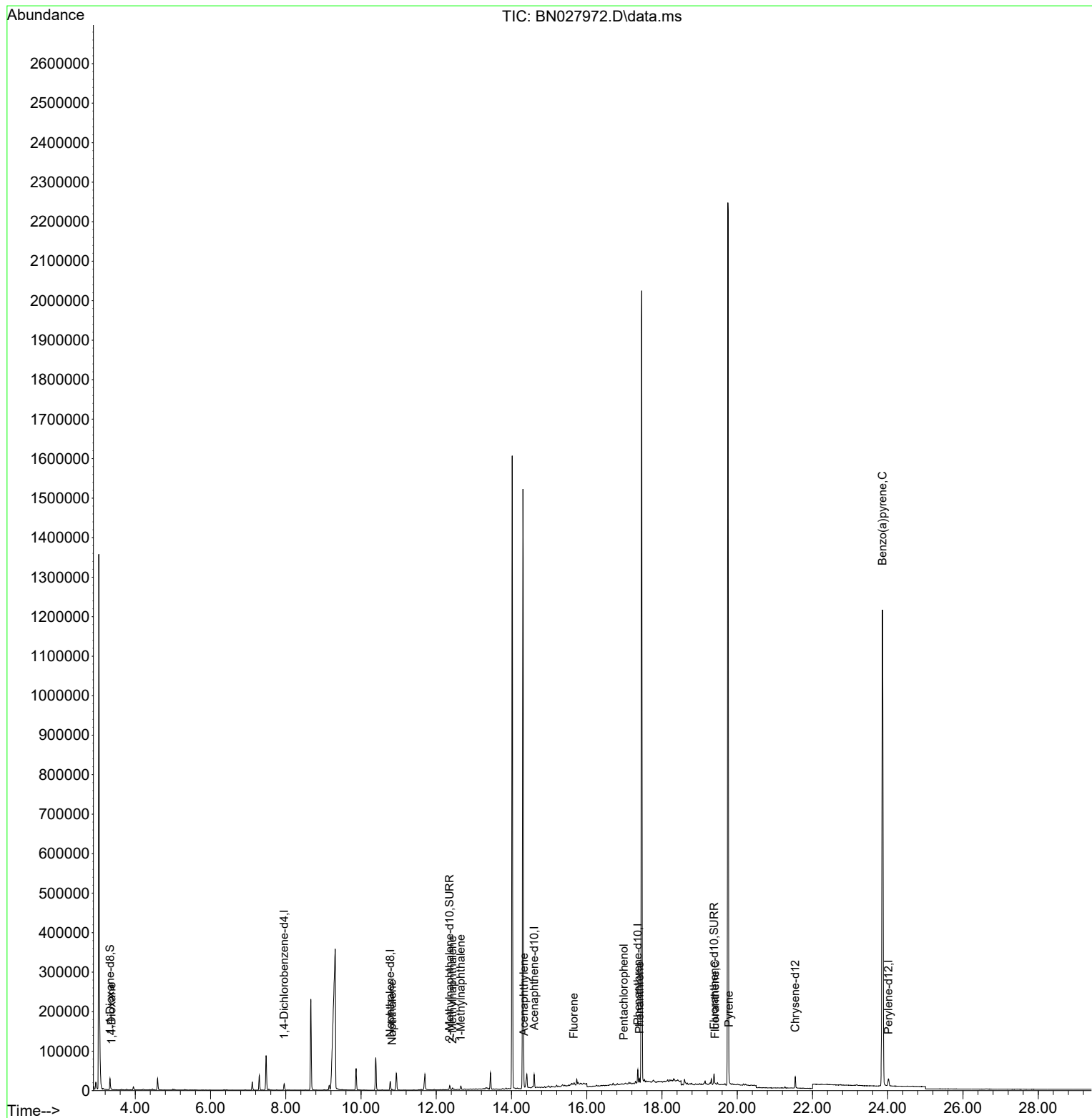
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	7985	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	29363	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	18946	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	39065	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	26238	0.400	ng/ul	# 0.00
23) Perylene-d12	24.018	264	26063	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	18985	1.888	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	13025	0.293	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	28137	0.351	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.368	88	289	0.028	ng/ul#	28
5) Naphthalene	10.828	128	2218	0.026	ng/ul#	86
7) 2-Methylnaphthalene	12.434	142	3229	0.061	ng/ul	98
8) 1-Methylnaphthalene	12.648	142	1870	0.034	ng/ul	94
10) Acenaphthylene	14.333	152	1731	0.021	ng/ul#	1
12) Fluorene	15.656	166	2478	0.029	ng/ul#	1
14) Pentachlorophenol	16.987	266	312	0.034	ng/ul#	20
15) Phenanthrene	17.401	178	15084	0.123	ng/ul#	50
19) Fluoranthene	19.413	202	3199	0.030	ng/ul#	66
20) Pyrene	19.780	202	7040	0.064	ng/ul#	81
26) Benzo(a)pyrene	23.860	252	5353	0.057	ng/ul#	1

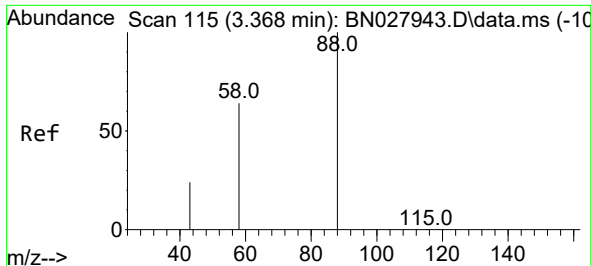
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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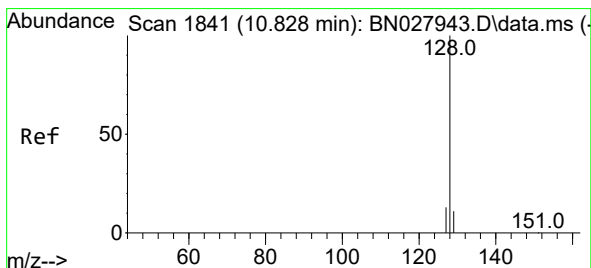
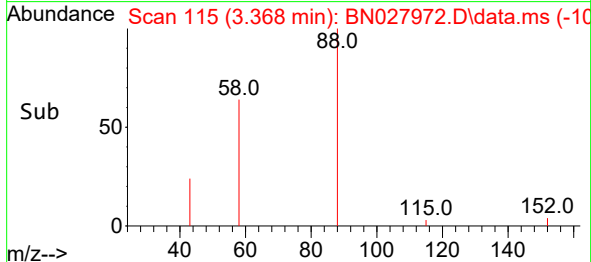
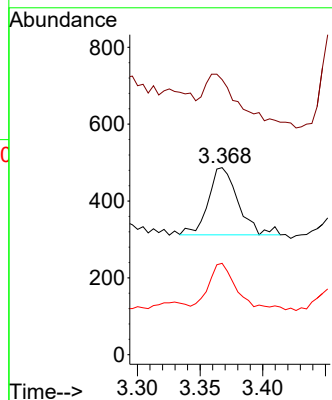
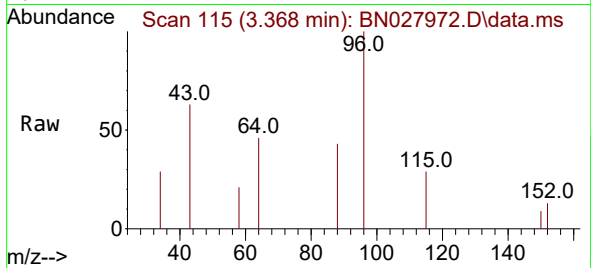




#2
1,4-Dioxane
Concen: 0.028 ng/ul
RT: 3.368 min Scan# 115
Delta R.T. -0.000 min
Lab File: BN027972.D
Acq: 29 Sep 2023 22:25

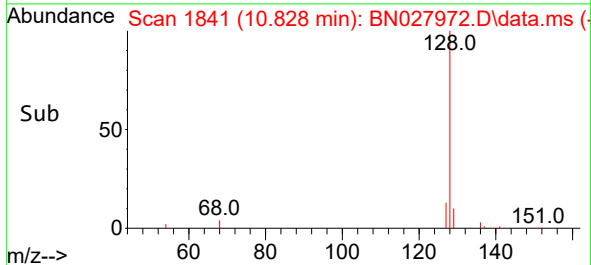
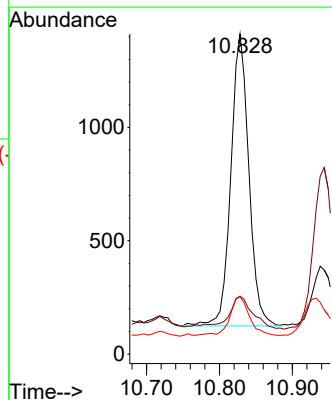
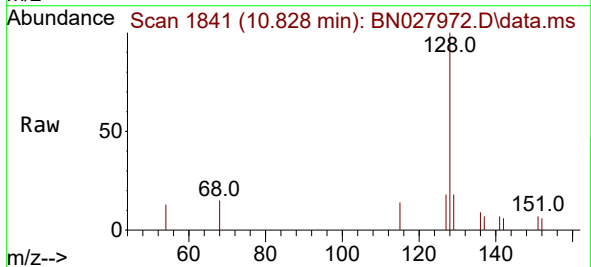
Instrument :
BNA_N
ClientSampleId :
BBJ73

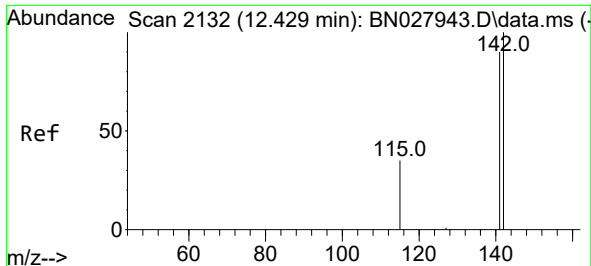
Tgt Ion: 88 Resp: 289
Ion Ratio Lower Upper
88 100
43 147.0 39.6 59.4#
58 48.9 48.3 72.5



#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BN027972.D
Acq: 29 Sep 2023 22:25

Tgt Ion: 128 Resp: 2218
Ion Ratio Lower Upper
128 100
129 18.1 9.3 13.9#
127 17.9 10.7 16.1#

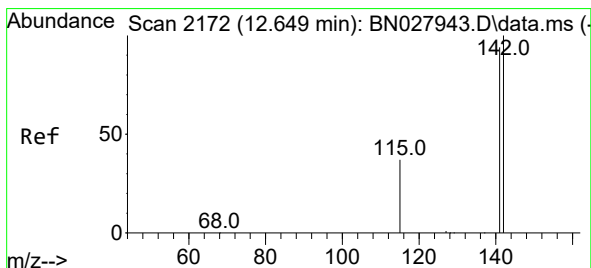
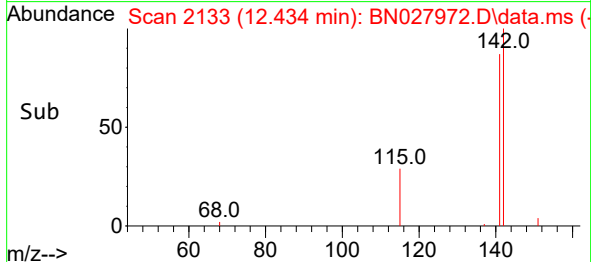
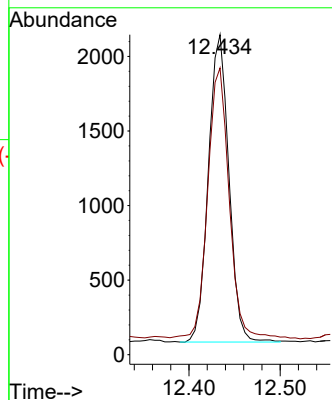
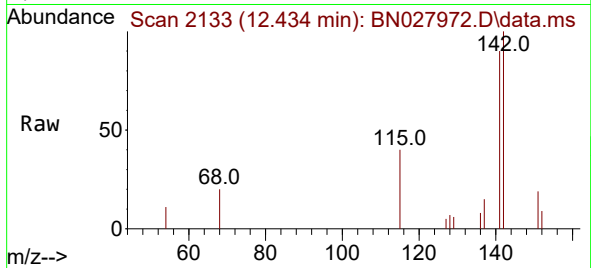




#7
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BN027972.D
Acq: 29 Sep 2023 22:25

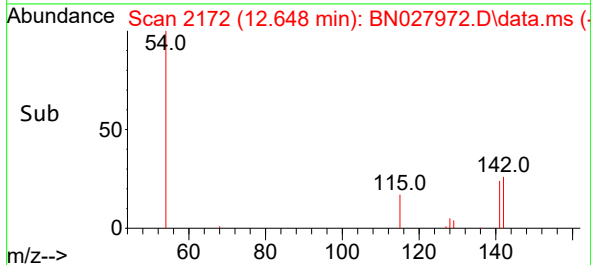
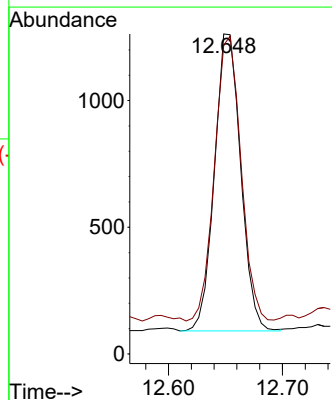
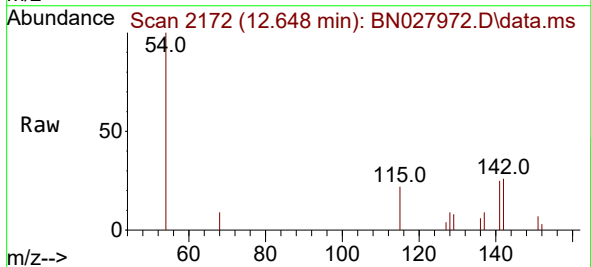
Instrument :
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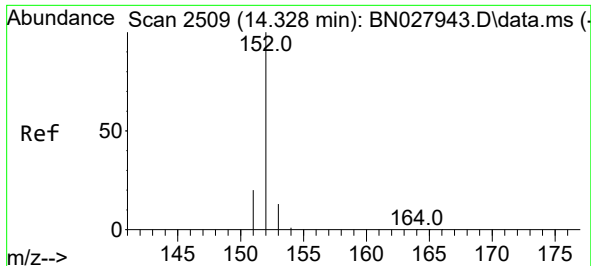
Tgt Ion:142 Resp: 3229
Ion Ratio Lower Upper
142 100
141 90.6 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.648 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BN027972.D
Acq: 29 Sep 2023 22:25

Tgt Ion:142 Resp: 1870
Ion Ratio Lower Upper
142 100
141 96.4 72.8 109.2

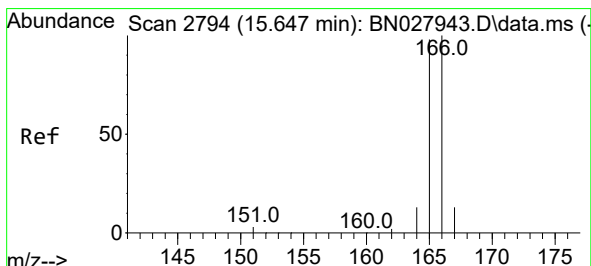
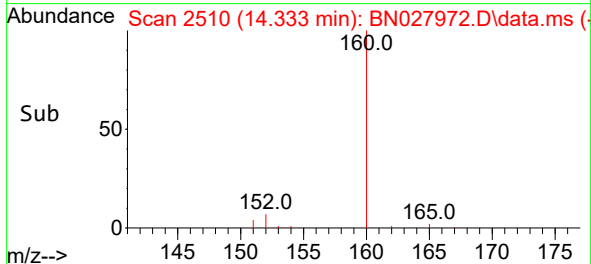
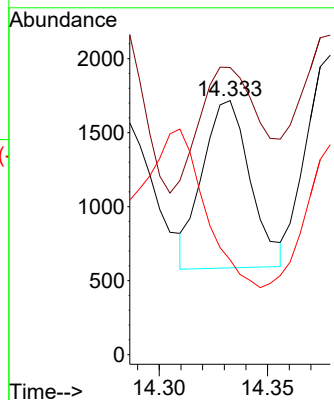
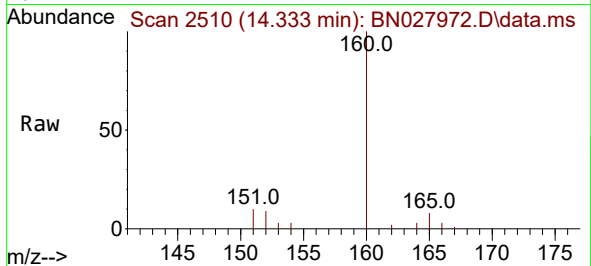




#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.333 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BN027972.D
Acq: 29 Sep 2023 22:25

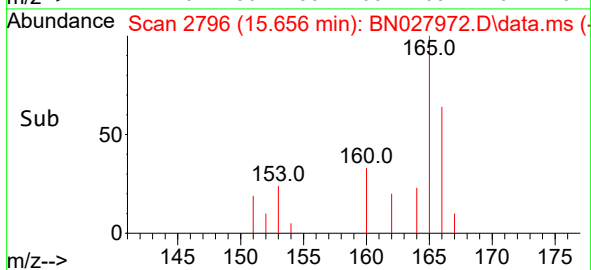
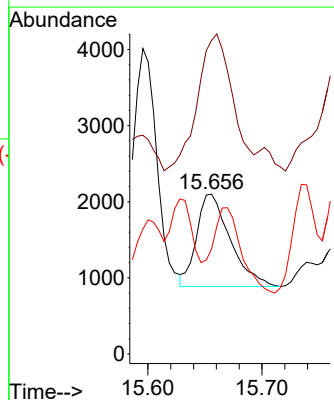
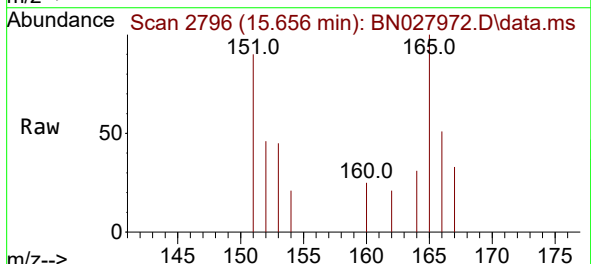
Instrument :
BNA_N
ClientSampleId :
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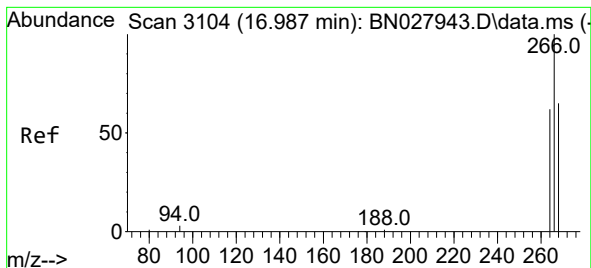
Tgt Ion:152 Resp: 1731
Ion Ratio Lower Upper
152 100
151 113.0 16.6 25.0#
153 37.3 11.0 16.6#



#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.656 min Scan# 2796
Delta R.T. 0.005 min
Lab File: BN027972.D
Acq: 29 Sep 2023 22:25

Tgt Ion:166 Resp: 2478
Ion Ratio Lower Upper
166 100
165 196.0 78.0 117.0#
167 65.6 11.4 17.2#





#14

Pentachlorophenol

Concen: 0.034 ng/ul

RT: 16.987 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BN027972.D

Acq: 29 Sep 2023 22:25

Instrument :

BNA_N

ClientSampleId :

BBJ73

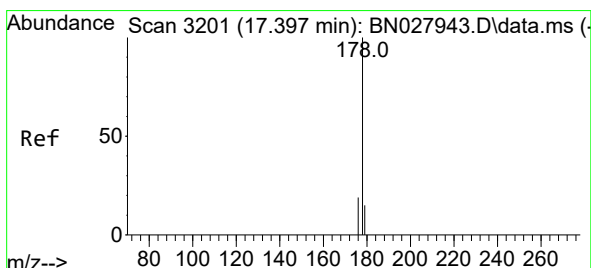
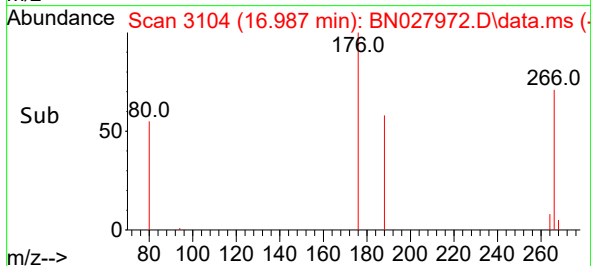
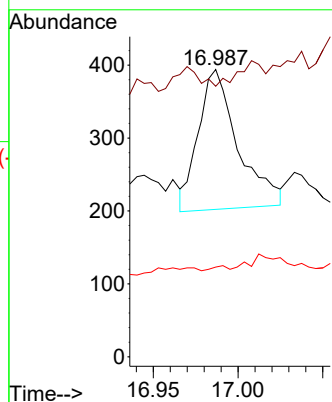
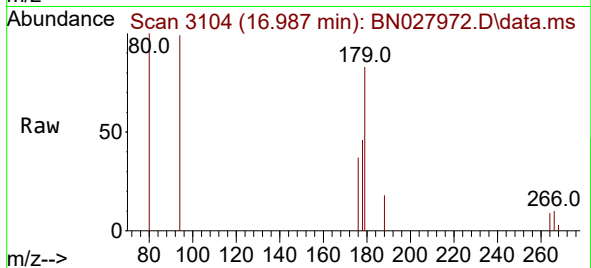
Tgt Ion:266 Resp: 312

Ion Ratio Lower Upper

266 100

264 0.0 49.6 74.4#

268 2.2 50.7 76.1#



#15

Phenanthrene

Concen: 0.123 ng/ul

RT: 17.401 min Scan# 3202

Delta R.T. 0.004 min

Lab File: BN027972.D

Acq: 29 Sep 2023 22:25

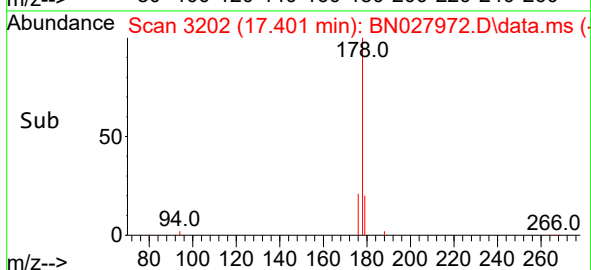
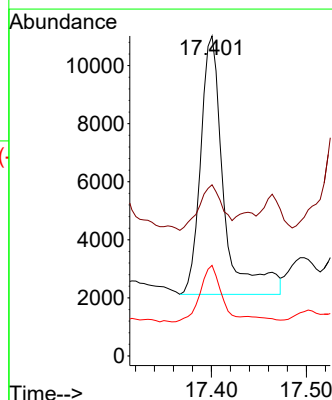
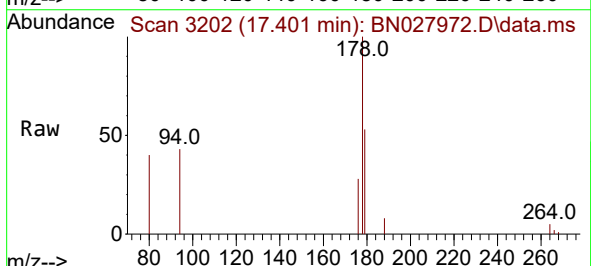
Tgt Ion:178 Resp: 15084

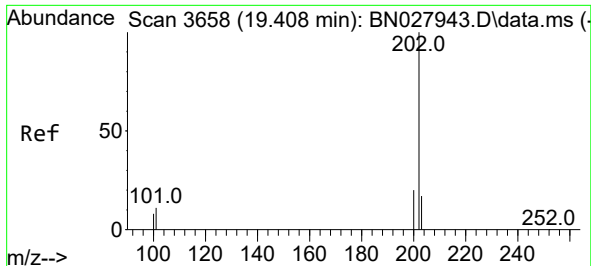
Ion Ratio Lower Upper

178 100

179 53.5 12.4 18.6#

176 28.3 16.0 24.0#

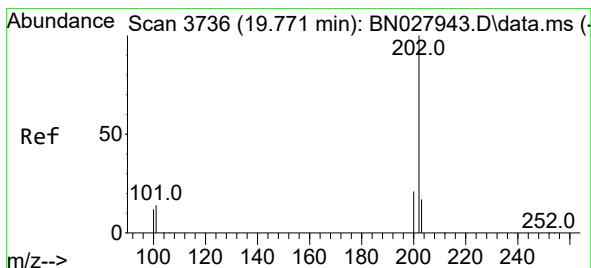
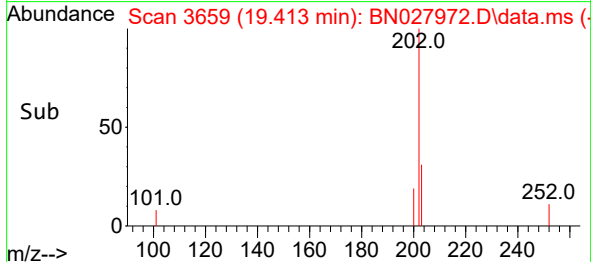
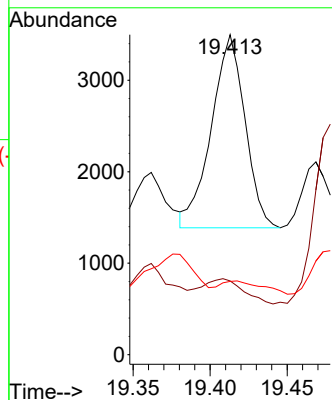
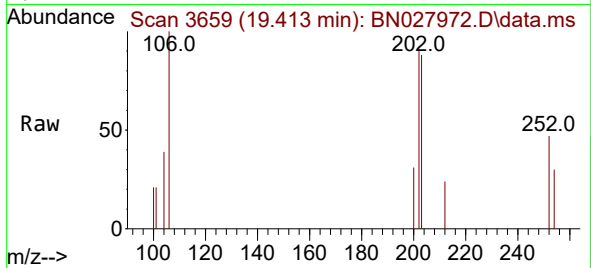




#19
Fluoranthene
Concen: 0.030 ng/ul
RT: 19.413 min Scan# 3659
Delta R.T. 0.005 min
Lab File: BN027972.D
Acq: 29 Sep 2023 22:25

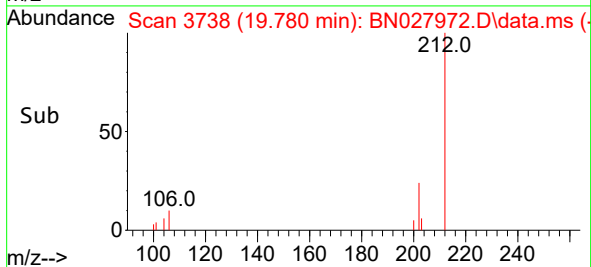
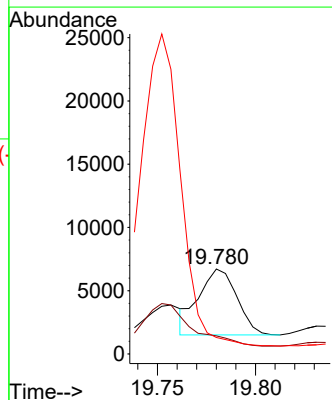
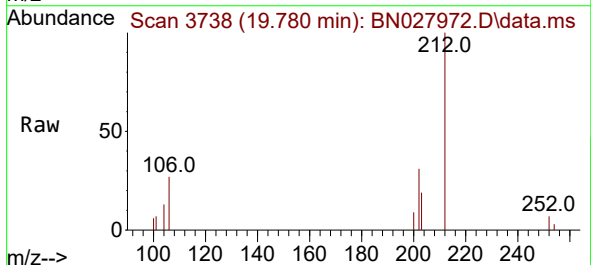
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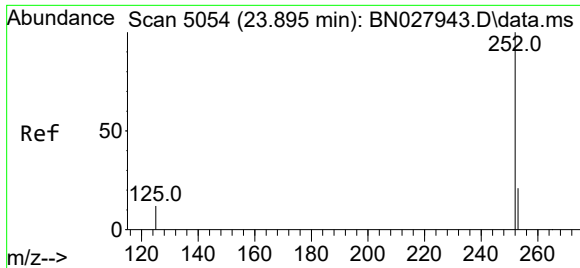
Tgt Ion:202 Resp: 3199
Ion Ratio Lower Upper
202 100
101 23.1 9.3 13.9#
100 22.9 7.0 10.4#



#20
Pyrene
Concen: 0.064 ng/ul
RT: 19.780 min Scan# 3738
Delta R.T. 0.005 min
Lab File: BN027972.D
Acq: 29 Sep 2023 22:25

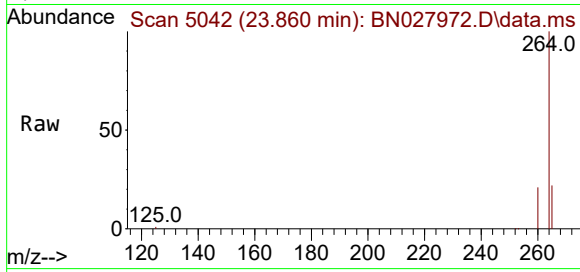
Tgt Ion:202 Resp: 7040
Ion Ratio Lower Upper
202 100
101 21.2 11.4 17.0#
100 19.4 9.1 13.7#





#26
Benzo(a)pyrene
Concen: 0.057 ng/ul
RT: 23.860 min Scan# 5042
Delta R.T. -0.035 min
Lab File: BN027972.D
Acq: 29 Sep 2023 22:25

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 5353
Ion Ratio Lower Upper
252 100
253 64.5 21.9 32.9#
125 127.5 15.5 23.3#

